

SEQUENCE LISTING

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Weiner, David B.
Otero, Miguel
Calarota, Sandra

<120> Vaccines for Suppressing IgE Mediated Allergic Disease and
Methods for Using the Same

<130> UPN0030.100

<140> US 10/518,701
<141> 2003-06-20

<150> PCT/US03/19383
<151> 2003-06-20

<150> US 60/390,304
<151> 2002-06-20

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<170> PatentIn version 3.2

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cac tcc cat ggg ctg gct ggc ggc tcc gcg cag tcc cag agg gcc ccg
96
His Ser His Gly Leu Ala Gly Gly Ser Ala Gln Ser Gln Arg Ala Pro
20 25 30

gat agg gtg ctc tgc cac tcc gga cag cag cag gga ctg ccg aga gca
144
Asp Arg Val Leu Cys His Ser Gly Gln Gln Gln Gly Leu Pro Arg Ala
35 40 45

gca gga ggc tct gtc ccc cac ccc cgc tgc cac tgt gga gcc ggg agg
192
Ala Gly Gly Ser Val Pro His Pro Arg Cys His Cys Gly Ala Gly Arg
50 55 60

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gct gac tgg cca ggt ccc cca gag ctg gac gtg tgc gtg gag gag gcc
240

Ala Asp Trp Pro Gly Pro Pro Glu Leu Asp Val Cys Val Glu Glu Ala

65

70

75

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gag ggc gag gcg ccg tgg acg tgg acc ggc ctc tgc atc ttc gcc gca
288

Glu Gly Glu Ala Pro Trp Thr Trp Thr Gly Leu Cys Ile Phe Ala Ala

85

90

95

ctc ttc ctg ctc agc gtg agc tac agc gcc gcc ctc acg ctc ctc atg
336

Leu Phe Leu Leu Ser Val Ser Tyr Ser Ala Ala Leu Thr Leu Leu Met

100

105

110

gtg cag cgg ttc ctc tca gcc acg cgg cag ggg agg ccc cag acc tcc
384

Val Gln Arg Phe Leu Ser Ala Thr Arg Gln Gly Arg Pro Gln Thr Ser

115

120

125

ctc gac tac acc aac gtc ctc cag ccc cac gcc aga gaa aaa aga gct
432

Leu Asp Tyr Thr Asn Val Leu Gln Pro His Ala Arg Glu Lys Arg Ala

130

135

140

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Val Val Gly Tyr Asp Pro Asn Tyr Leu Arg Thr Asp Ser Asp Lys Asp

145

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155

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528

Arg Phe Leu Gln Thr Met Val Lys Leu Phe Asn Arg Ile Lys Arg Glu

165

170

175

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Lys Arg Ala Val Val Gly Phe Asn Asn Phe Thr Val Ser Phe Trp Leu

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Ala Asp Trp Pro Gly Pro Pro Glu Leu Asp Val Cys Val Glu Glu Ala
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Glu Gly Glu Ala Pro Trp Thr Trp Thr Gly Leu Cys Ile Phe Ala Ala
 85 90 95

Leu Phe Leu Leu Ser Val Ser Tyr Ser Ala Ala Leu Thr Leu Leu Met
 100 105 110

Val Gln Arg Phe Leu Ser Ala Thr Arg Gln Gly Arg Pro Gln Thr Ser
 115 120 125

Leu Asp Tyr Thr Asn Val Leu Gln Pro His Ala Arg Glu Lys Arg Ala
 130 135 140

Val Val Gly Tyr Asp Pro Asn Tyr Leu Arg Thr Asp Ser Asp Lys Asp
 145 150 155 160

Arg Phe Leu Gln Thr Met Val Lys Leu Phe Asn Arg Ile Lys Arg Glu
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Lys Arg Ala Val Val Gly Phe Asn Asn Phe Thr Val Ser Phe Trp Leu
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			20					25		